BULL. BOT. SURV. INDIA
Vol. 5, No. 2: pp. 105-109, 1963

NOMENCLATURAL CHANGES IN INDIAN PLANTS

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ABSTRACT

The nomenclature of a large number of Indian plants is adjusted in conformity with the Rules of Nomenclature. Some of the changes refer to changes in attribution, which have been necessitated by the strict application of Art. No. 33 of the Code, Edition 1961. Several new combinations are proposed in this paper.

During the preparation of the 'Flora of Andhra State' undertaken by the junior author, under the supervision of the senior, we have discovered a number of nomenclatural changes in our Indian plants. The majority of these changes are due to the strict application of the International Code of Botanical Nomenclature, ed. 1961, while others are either due to the proper understanding of the taxonomic status of a taxon or even to a better understanding of the identity of certain plants.

These changes in the nomenclature are annoying to ecologists, foresters and others, but none the less they are necessary and should be adopted if we are to get a better understanding and to bring an uniformity in scientific literature. Some of the more important findings are given herewith. In certain cases, we have found that, though the changes were made sometime ago, they have not so far been adopted by Indian botanists; in such cases, reference to the original sources is given. References to a few Indian floras are also given. For some of the items herein listed, the only change is that of attribution.

For brevity, titles of books have been cut down from the conventional abbreviations as follows:

FBI—*The Flora of British India* by J. D. Hooker et al.
Cooke—*The Flora of the Presidency of Bombay* by T. Cooke (reprint ed.).
Gamble—*The Flora of the Presidency of Madras* by J. S. Gamble and C. E. C. Fischer (reprint ed.).
Haines—*Botany of Bihar and Orissa* by H. H. Haines.

Abutilon indicum (Linn.) Sweet, Hort. Brit. 54, 1826; FBI 1: 326; Cooke 1: 102; Gamble 65; Haines 61; Huin Fl. China 153: 32, t. 8, f. 9 & f. 17, t. 10. *Sida indica* Linn. Cent. Pl. 2: 26, 1756 et Sp. Pl. 964, 1763. *S. asiatica* Linn. Cent. Pl. 2: 26, 1756 et Sp. Pl. (ed. 2) 964, 1763. *Abutilon asiaticum* (Linn.) Sweet, Hort. Brit. 53, 1826; FBI 1: 326; Cooke 1: 102; Gamble 65.

Acalypha racemosa Wall. ex Baill. Etud. Gen. Euphorb. 443, 1858; Andrews, Fl. Pl. Anglo-Egypt. Sudan 2: 49, 1952. *A, paniculata* Miq. Fl. Ind. Bat. 1(2): 406, 1859; FBI 5: 415; Gamble 930; Pax & Hoff. in Engl. & Prantl, Natürl. Pfam. (ed. 2) 19 C: 134.

Aristolochia bracteolata Lamk. Encycl, 1: 258, 1783; Andrews, Fl. Pl. Anglo-Egypt. Sudan 1: 21, f. 17, 1950. *A. bracteata* Retz. Obs. 5: 29, 1789; FBI 5: 75; Cooke 3: 16; Gamble 841; Haines 785.

Boerhavia chinensis (Burm. f.) Druce in Rep. Bot. Exch. Cl. Brit. Isles 1913(3): 415, 1914. *Valeriana chinensis* Burm. f. Fl. Ind. 15, t. 6, f. 3, 1768. *Boerhavia repanda* Willd. Sp. Pl. 1: 22, 1797; FBI 4: 709; Cooke 2: 564; Gamble 814; Haines 757.

Bogenhardia Reichb. This genus, which was generally considered synonymous with *Abutilon* Linn., was separated by Kearney in Leafl. West. Bot. 7: 120, 1954. The two genera can be separated as follows:

Mature carpels inflated, rounded at the apex; pericarp thin, chartaceous; stem vine-like, weak; flowers small, on filiform axillary peduncles ... ... *Bogenhardia*
Carpels not inflated, rostrate at the apex; pericarp firmly coriaceous ... ... *Abutilon*

Bogenhardia crispa (Linn.) Kearney in Leafl. West. Bot. 7: 120, 1954; Hu, Fl. China 153: 27. *Sida crispa* Linn. Sp. Pl. 685, 1753. *Abutilon crispum* (Linn.) Medic. Malv. 29, 1787 ('cryspum'); Sweet, Hort. Brit. 1: 53, 1826; FBI 1: 327; Cooke 1: 103; Gamble 66.

Cadaba fruticosa (Linn.) Druce in Rep. Bot. Exch. Cl. Brit. Isles 1913(3): 415, 1914. *Cleome fruticosa* Linn. Sp. Pl. 671, 1753. *Cadaba farinosa* Forsk. Fl. Aegypt.-Arab. 68, 1775. *C. indica* Lamk. Encycl. 1: 544, 1785; FBI 1: 172; Cooke 1: 45; Gamble 31.

Caesalpinia decapetala (Roth) Alston in Trimen, Handb. Fl. Ceyl. 6 (Suppl.): 89, 1931. *Reichardia decapetala* Roth, Nov. Pl. Sp. 212, 1821. *Caesalpinia sepiaria* Roxb. [Hort. Beng. 32, 1814 (nom. nud.) et] Fl. Ind. 2: 360, 1832; FBI 2: 256; Cooke 1: 439; Gamble 279; Haines 317.

Carmona Cav. Johnston in *Journ. Arnold Arb.* 32: 1, 1951 separates the genus *Carmona* Cav. from *Ehretia* Linn. The key to the two genera is as follows:

Style almost divided, forking well below the middle ; endocarp of the mature fruit remaining entire, ovoid	*Carmona*
Style forked above the middle ; endocarp of the mature fruit divided into simple or 2-seeded pyrenes	*Ehretia*

Hence the nomenclature of our plant commonly known as *Ehretia microphylla* Lamk. or *E. buxifolia* Roxb. should be as follows:

Carmona microphylla (Lamk.) Don, Gen. Syst. 4: 391, 1837 ; Johnston in Journ. Arnold Arb. 32: 17, 1951. *Ehretia microphylla* Lamk. Encycl. 2: 425, 1788 ; Gamble 626. *E. buxifolia* Roxb. Pl. Cor. 1: 42, t. 57, 1796 ; FBI 4: 144 ; Cooke 270 ; Haines 577.

Cassia roxburghii DC. Prodr. 2: 489, 1825 ; de Wit in Webbia 11: 226, 1955. *C. marginata* Roxb. [Hort. Beng. 31, 1814 (nom. nud.) et] Fl. Ind. 2: 338, 1832 ; FBI 2: 262 ; Gamble 284 ; Haines 303.

Cleistanthus collinus (Roxb.) Benth. ex Hook. f. Fl. Brit. Ind. 5: 274, 1887 ; Gamble 897 ; Haines 121 ; Pax & Hoff. in Engl. & Prantl, Natürl. Pfam. (ed. 2) 19C: 81. *Clutia collina* Roxb. Pl. Cor. 2: 37, t. 169, 1802.

The binomial *Cleistanthus collinus* is generally attributed to Bentham in Bentham and Hooker f. *Genera Plantarum* 3: 268, 1880. The combination dates only from 1887, when Hooker f. used the name in *The Flora of British India*.

Cleistocalyx operculatus (Roxb.) Merr. var. **obovatus** (Duthie) Sant. & Wagh, comb. nov. *Eugenia operculata* Roxb. var. *obovata* Duthie in Hook. f. Fl. Brit. Ind. 2: 498, 1879. *Syzygium operculatum* Gamble var. *obovatum* Gamble in Fl. Pres. Madras 481, 1919 ; Gamble 340.

Cleome gynandra Linn. Sp. Pl. 671, 1753 ; Iltis in Brittonia 12(4): 279-294, 1960. *C. pentaphylla* Linn. Sp. Pl. 983, 1762. *Gynandropsis pentaphylla* (Linn.) DC. Prodr. 1: 238, 1824 ; FBI 1: 171 ; Cooke 1: 42 ; Gamble 29. *G. gynandra* (Linn.) Briq. in Ann. Cons. Jard. Bot. Genève 17: 382, 1914 ; Sant. in Rec. Bot. Surv. India 16(1): 10.

C. angustifolia Forsk. Fl. Aeg.-Arab. 120, 1775. *C. tenella* Linn. f. Suppl. 300, 1871 ; FBI 1: 169 ; Gamble 29.

Coleus canisus (Roth) Vatke in Linnaea 37: 318, 1871-73 ; Briq. in Engl. & Prantl, Natürl. Pfam. 4(3a): 359. *Plectranthus canisus* Roth, Nov. Pl. Sp. 279, 1821. *Coleus spicatus* Benth. in Wall. Pl. Asiat. Rar. 2: 15, 1830 ; FBI 4: 625 ; Cooke 2: 530 ; Gamble 786 ; Mukerjee in Rec. Bot. Surv. India 14(1): 52.

Combretum roxburghii Spreng. Syst. 2: 331, 1825 ; Exell in Fl. Males. I, 4(5): 544. *C. decandrum* Roxb. Pl. Cor. 1 : t. 59, 1796 (non Jacq. 1760) ; FBI 2: 452 ; Gamble 332 ; Haines 357.

Corbichonia decumbens (Forsk.) Exell in Journ. Bot. 73: 80, 1935 ; Andrews, Fl. Pl. Anglo-Egypt. Sudan 1: 91, f. 59, 1950 ; Jeffrey in Fl. Trop. E. Africa (Aizoaceae) 9, f. 3, 1961. *Orygia decumbens* Forsk. Fl. Aeg.-Arab. 103, 1775 ; FBI 2: 661 ; Cooke 1: 592 ; Gamble 389.

Cordia gharaf (Forsk.) Ehrenb. & Asch. in Sitzung. Berichte Ges. Naturf. Fr. Berl. 1879: 46, 1879 ; Johnston in Journ. Arnold Arb. 37: 297, 1956. *Cornus gharaf* Forsk. Fl. Aeg.-Arab. 94, 1775. *Cordia rothii* Roem. & Sch. Syst. 4: 798, 1819 ; FBI 4: 138 ; Cooke 2: 268 ; Gamble 624 ; Haines 573.

Cynoctonum mitreola (Linn.) Britton in Mem. Torrey Bot. Club 5: 258, 1894 ; Merrill & Perry in Journ. Arnold Arb. 29: 163, 1948. *Ophiorrhiza mitreola* Linn. Sp. Pl. 150, 1753. *Anonymos petiolata* Walt. Fl. Carol. 108, 1788. *Mitreola oldenlandioides* Wall. ex A. DC. Prodr. 9: 9, 1845 ; FBI 4: 79 ; Cooke 2: 246 ; Gamble 607 ; Haines 565. *M. petiolata* (Walt.) Torr. & Gray, Fl. North Am. 2: 45, 1846. *Cynoctonum oldenlandioides* (Wall. ex A. DC.) Robinson in Proc. Amer. Acad. 45: 396, 1910.

Diospyros exsculpta Buch.-Ham. in Trans. Linn. Soc. London 15: 110, 1827 (excl. syn.) (non Dalz. 1861, nec Bedd. 1870). *D. tomentosa* Roxb. (Hort. Beng. 40, 1814 nom. nud. et) Fl. Ind. 2: 532, 1832 ; FBI 3: 564 ; Gamble 543.

Dregea lanceolata (Cooke) Sant. & Wagh, comb. nov. *Marsdenia lanceolata* Cooke, Fl. Pres. Bombay 2: 167, 1904. *Dregea volubilis* var. *angustifolia* Hook. f. Fl. Brit. Ind. 4: 47, 1883. *Marsdenia volubilis* var. *angustifolia* (Hook. f.) Blatt. & McCann in Journ. Bombay nat. Hist. Soc. 36: 532, 1933. *D. angustifolia* (Hook. f.) Sant. & Irani in Univ. Bombay Bot. Mem. 4: 41, 1962.

The combination *Dregea angustifolia* (Hook. f.) Santapau & Irani is not valid, as *lanceolata* is the earliest epithet at the specific rank.

Dyschoriste madurensis (Burm. f.) O. Kze. Rev. Gen. Pl. 486, 1891. *Justicia madurensis* Burm. f. Fl. Ind. 9, t. 4, f. 3, 1768. *Ruellia littoralis* Linn. f. Suppl. 289, 1781. *Dyschoriste littoralis* (Linn. f.) Nees in Wall. Pl. Asiat. Rar. 3: 81, 1832 ; Gamble 768. *Calophanes littoralis* T. And. in Thw. Enum. 225, 1861 et in Journ. Linn. Soc. London 9: 460, 1867 ; FBI 4: 410.

Ehretia acuminata R. Br. var. **serrata** (Roxb.) Johnston in Journ. Arnold. Arb. 32: 23, 1951. *E. serrata* Roxb. Fl. Ind. 2: 340, 1824. *E. acuminata* auct. plur. ; FBI 4: 141 ; Gamble 626 ; Haines 596 (non R. Br. 1810).

According to Johnston *l.c.* the typical variety is confined to the middle section of coastal eastern Australia and the present variety is endemic in India.

Geniospermum tenuiflorum (Linn.) Merr. in Philip. Journ. Sc. 19: 379, 1921 ; Fischer in Kew Bull. 1932: 64. *Ocimum tenuiflorum* Linn. Sp. Pl. 597, 1753. *O. menthoides* Burm. f. Fl. Ind. 129,

1768. *O prostratum* Linn. Mant. 2: 166, 1771. *Geniospermum prostratum* (Linn.) Benth. in Bot. Reg. sub t. 1300, 1830 et in Wall. Pl. Asiat. Rar. 2: 18, 1830; FBI 4: 610; Cooke 2: 525; Gamble 781; Haines 732; Mukerjee in Rec. Bot. Surv. India 14(1): 33. *G. menthoides* (Burm. f.) Druce in Rep. Bot. Exch. Club Brit. Isles 1913(3): 418, 1914.

Gonotheca Bl. ex DC. This genus, which was formerly considered as a subgenus or a section of the genus *Oldenlandia* Linn., is considered to be distinct by modern authors. It can be distinguished from the genus *Oldenlandia* Linn. *sensu stricto* as follows:

Capsule 4-angled; seeds globose or subglobose ...	*Gonotheca*
Capsule terete; seeds minute, angular	*Oldenlandia*

Gonotheca ovatifolia (Cav.) Sant. & Wagh, comb. nov. *Hedyotis ovatifolia* Cav. Icon. 6: 52, 1801. *Oldenlandia nudicaulis* Roth, Nov. Pl. Sp. 95, 1821; FBI 3: 70; Gamble 424. *Hedyotis nudicaulis* Wt. & Arn. Prodr. 416, 1834. *Oldenlandia sedgwickii* Blatt. in Journ. & Proc. Asiat. Soc. Bengal (n.s.) 26: 344, 1930; Blatt. & McC. in Journ. Bombay nat. Hist. Soc. 36: 785.

Jussiaea prostrata (Roxb.) Lev. in Fedde, Repert. 8: 138, 1910. *Ludwigia prostrata* Roxb. Fl. Ind. 1: 441 1820; FBI 1: 588; Gamble 365; Haines 382.

On the subject of fusing of the two genera *Jussiaea* and *Ludwigia* under *Jussiaea*, readers may be referred to Santapau in *Bull. Bot. Surv. India* 3(1): 18, 1962.

Kalanchöe pinnata (Lamk.) Pers. Syn. 446, 1805; Backer in Fl. Males. I, 4(3): 199, f. 1. *Cotyledon pinnatum* Lamk. Encycl. 2: 141, 1786. *Bryophyllum calycinum* Salisb. Parad. Lond. t. 3, 1805; FBI 2: 413; Cooke 1: 494; Haines 342. *B. pinnatum* (Lamk.) Oken, Alleg. Naturgesch. 3: 1966, 1841; Gamble 319.

Lippia alba (Mill.) N. E. Br. ex Britton & Wilson in Sc. Surv. Porto Rico & Virgin Islands 6: 141, 1925; Moldenke in Known Geogr. Distrib. 127, 1949. *Lantana alba* Mill. Gard. Dict. (ed. 8) no. 8, 1768. *Lippia geminata* H.B.K. Nov. Gen. et Sp. 2: 266, 1818; FBI 4: 563; Gamble 762.

Lobelia heyniana Roem. & Schult. Syst. Veg. 5: 50, 1819 (non Spreng. 1825); Moeliono & Tuyn in Fl. Malesiana I, 6: 129, f. 16 d, 1960. *L. trialata* Ham. ex D. Don, Prodr. Fl. Nep. 157, 1825; FBI 3: 425 (incl. var. *lamiifolia*); Gamble 518. *L. zeylanica* auct. plur. (non Linn. 1753); FBI 3: 425 (incl. var. *walkeri*); Haines 501. *L. dichotoma* Miq. Fl. Ind. Bat. 2: 576, 1856; Wimmer in Pflanzenreich 107: 476.

Lysimachia candida Lindl. subsp. **obovata** (Buch.-Ham. ex Hook. f.) R. Knuth in Pfreich. 22: 301, 1905. *L. obovata* Buch.-Ham. ex Hook. f. in Fl. Brit. Ind. 3: 502, 1882; Gamble 525; Haines 506.

Melasma thompsonii (Hook. f.) Wettst. in Engl. & Prantl, Natürl. Pfam. 4(3b): 91, 1891. *Alectra thompsonii* Hook. f. in Fl. Brit. Ind. 4: 297, 1884; Gamble 681; Haines 639.

Nelsonia canescens (Lamk.) Spreng. Syst. 1: 42, 1824; Bremekamp in Reinwardtia 3: 248, 1955. *Justicia canescens* Lamk. Encycl. 1: 41, 1783. *Nelsonia campestris* R. Br. Prodr. 1: 481, 1810; FBI 4: 394; Cooke 2: 420; Gamble 709; Haines 667; Sant. in Univ. Bombay Bot. Mem. 2: 11.

Nilgirianthus circarensis (Gamble) Bremekamp in Nederl. Akad. Wet. Verh. (Sect. II) 41(1): 173, 1944. *Strobilanthes circarensis* Gamble in Kew Bull. 1923: 373, 1923; Gamble 728.

Orobanche cernua Loefl. var. **nepalensis** DC. Prodr. 11: 33, 1847; Graham in Fl. Trop. E. Afr. (Orobanchaceae) 6. *Orobanche nicotianae* Wt. Ill. 2: 179, t. 158, 1850. *O. cernua* Loefl. var. *desertorum* G. Beck in Biblioth. Bot. 19: 142, t. 33(1), 1890; Cooke 2: 387; Gamble 687.

Pachygone zeylanica (Gaertn.) Sant. & Wagh, comb. nov. *Koon zeylanicus* Gaertn. Fruct. 2: 486, t. 180, 1791. *Pachygone ovata* (Poir.) Miers ex Hook. f. & Thoms. Fl. Ind. 1: 203, 1855; FBI 1: 105; Gamble 22. *Cissampelos ovata* Poir. in Lamk. Encycl. 5: 11, 1804.

Phlebophyllum jeyporense (Bedd.) Bremekamp in Nederl. Akad. Wet. Verh. (Sect. II) 41(1): 169, 1944. *Strobilanthes jeyporensis* Bedd. Icon. 50, t. 214, 1874; FBI 4: 436; Gamble 726.

P. versicolor (Wt.) Bremekamp ibid. 169, 1944. *Endopogon versicolor* Wt. Icon. t. 1497, 1850. *E. cuspidatus* Benth. in Linnaea 24: 646, 1851. *Strobilanthes cuspidatus* T. And. in Journ. Linn. Soc. London 9: 465, 1867; FBI 4: 435; Gamble 726.

Plectranthus japonicus (Burm. f.) Koidz in Bot. Mag. Tokyo 43: 386, 1929. *Scutellaria japonica* Burm. f. Fl. Ind. 130, 1768. *Plectranthus coetsa* Buch.-Ham. ex Don, Prodr. 117, 1825; FBI 4: 619; Cooke 2: 528; Gamble 784; Haines 735; Mukerjee in Rec. Bot. Surv. India 14(1): 44. *Ocimum coetsa* Spreng. Syst. 4: 223, 1827. *Plectranthus menthoides* Benth. in Wall. Pl. Asiat. Rar. 2: 17, 1830; FBI 4: 620.

Pleurostylia opposita (Wall.) Alst. in Trim. Handb. Fl. Ceyl. 6 Suppl.: 48, 1931. *Celastrus oppositus* Wall. in Roxb. Fl. Ind. 2: 398, 1824. *Pleurostylia wightii* Wt. & Arn. Prodr. 157, 1834; FBI 1: 617; Cooke 1: 245; Gamble 152.

Polyalthia cerasoides (Roxb.) Bedd. Fl. Sylvat. t. 1, 1869; FBI 1: 63; Cooke 1: 14; Gamble 12; Haines 12. *Uvaria cerasoides* Roxb. Pl. Cor. 1: t. 38, 1795.

The binomial *Polyalthia cerasoides* in our floras is generally attributed to Bentham & Hooker f. in *Gen. Pl.* 1: 24, 1862; but this is not valid according to Art. 33 of the International Code of Botanical Nomenclature, ed. 1961, since in *Genera Plantarum* they did not make the actual combination.

P. korintii (Dunal) Thw. Enum. 398, 1864 (per sphalm. 'corinti'); FBI 1: 64; Gamble 11. *Guatteria korinti* Dunal, Monog. Anon. 133, 1817.

The binomial *Polyalthia korintii*, generally attributed to Bentham & Hooker f. *Gen. Pl.* 1: 25, 1862, is not valid according to Art. 33 of the Code since they did not make the combination.

P. longifolia (Sonner.) Thw. Enum. 398, 1864; FBI 1: 62; Cooke 1: 13; Gamble 11; Haines 12. *Uvaria longifolia* Sonner. Voy. Ind. 2: 233, t. 131, 1782.

The binomial *Polyalthia longifolia* generally attributed to Bentham & Hooker f. *Gen. Pl.* 1: 25, 1862, is not valid according to Art. 33 of the Code for the same reason.

P. suberosa (Roxb.) Thw. Enum. 398, 1864; FBI 1: 65; Gamble 12; Haines 13. *Uvaria suberosa* Roxb. Pl. Cor. 1: t. 34, 1795.

The binomial *Polyalthia suberosa* generally attributed to Bentham & Hooker f. *Gen. Pl.* 1: 25, 1862, is not valid for the same reason.

Polygonum hydropiper Linn. var. **flaccidum** (Meissn.) Steward in Contrib. Gray Herb. 88: 59, 1930. *P. flaccidum* Meissn. in DC. Prodr. 14: 107, 1856 (excl. syn.); FBI 5: 39; Gamble 833; Haines 778 (non Roxb. 1832).

P. nepalense Meissn. Monog. 84, t. 7, f. 2, 1826; Steward in Contrib. Gray Herb. 88: 74; Graham in Fl. Trop. E. Afr. (Polygonaceae) 12. *P. punctatum* Buch.-Ham. ex Don, Prodr. 72, 1825 (non Elliot 1817, nec Raf. 1820); Gamble 833. *P. alatum* Buch.-Ham. ex Spreng. Syst. 154, 1827; FBI 5: 41; Cooke 3: 8; Haines 780.

P. pulchrum Blume, Bijdr. 530, 1826; Graham in Fl. Trop. E. Afr. (Polygonaceae) 20. *P. tomentosum* Willd. Sp. Pl. 2: 447, 1799 (non Schrank. 1789); FBI 5: 30; Cooke 3: 6; Gamble 832; Steward in Contrib. Gray Herb. 88: 49, 1930.

Pterolobium hexapetalum (Roth) Sant. & Wagh, comb. nov. *Reichardia hexapetala* Roth, Nov. Pl. Sp. 210, 1821. *Pterolobium indicum* A. Rich. Tent. Fl. Abyss. 1: 247, 1847 (in obs.); FBI 2: 259; Gamble 280. *P. lacerans* Wall. [Cat. 5841 A-E, 1831-32 (nom. nud.)] ex Wt. & Arn. Prodr. 283, 1834 (non R. Br. 1814).

Pterospermum xylocarpum (Gaertn.) Sant. & Wagh, comb. nov. *Velaga xylocarpa* Gaertn. Fruct. 2: 245, t. 133, 1791. *Pterospermum heyneanum* Wall. ex Wt. & Arn. Prodr. 69, 1834; FBI 1: 369; Cooke 1: 138; Gamble 77; Haines 79 (non G. Don 1831). *P. suberifolium* Willd. Sp. Pl. 3: 728, 1800 (non Lamk. 1794). *P. lawianum* Nimmo in Grah. Cat. Bombay Pl. 246, 1839.

Pygmaeopremna herbacea (Roxb.) Moldenke in Phytologia 2: 59, 1941 et in Known Geogr. Distrib. 128, 1949. *Premna herbacea* Roxb. Fl. Ind. 3: 80, 1832; FBI 4: 581; Gamble 768; Haines 718.

Rorippa indica (Linn.) Hiern in Cat. Afr. Pl. Welw. 1: xxvi, addit. & corr. 1896; L. H. Bailey in Rhodora 18: 155, 1916; Hochreut. in Candollea 2: 370, 1925; Andrews, Fl. Pl. Anglo-Egypt. Sudan 1: 60, 1950. *Sisymbrium indicum* Linn. Mant. 1: 93, 1767. *Nasturtium indicum* DC. Syst. 2: 199, 1818; FBI 1: 37; Cooke 1: 31; Gamble 27; Haines 26.

The combination *Rorripa indica* is generally attributed to Hochreutiner in Candollea 2: 370, 1925; it was first made by Hiern, *l.c.*

Seseli diffusum (Roxb. ex Sm.) Sant. & Wagh, comb. nov. *Ligusticum diffusum* Roxb. ex Sm. in Rees, Cyclop. 21: no. 11, 1812. *Cnidium diffusum* DC. Prodr. 4: 153, 1830. *Seseli indicum* Wt. & Arn. Prodr. 371, 1834; FBI 2: 693; Gamble 396; Haines 410.

Sida orientalis Cav. Diss. 1: 21, t. 12, f. 1, 1785; Hu in Fl. China 153: 18. *S. rhomboidea* Roxb. ex Flem. in Asiat. Res. 6: 178, 1810; Gamble 65. *S. rhombifolia* Linn. var. *rhomboidea* (Roxb. ex.Flem.) Masters in Hook. f. Fl. Brit. Ind. 1: 324, 1874; Haines 61.

S. veronicaefolia Lamk. Encycl. 1: 5, 1783; Cooke 1: 97; Gamble 64; Haines 59; Hu in Fl. China 153: 23, t. 5, f. 11-13 & t. 16, f. 1. *S. multicaulis* Cav. Diss. 1: 10, t. 1, f. 6, 1785. *S. humilis* Cav. Diss. 5: 277, t. 134, f. 2, 1788; FBI 1: 322.

Hu maintained, with some hesitation, *Sida veronicaefolia* Lamk. and *S. multicaulis* Cav. as two distinct species. She distinguished the former with fasciculate or subpaniculate flowers and with some scabrid hair on the stem and the latter with solitary flowers.

In the specimens examined by us, either in the field or in the herbarium, solitary or fasciculate flowers are found on the same plant and hairiness is not at all a distinctive feature. Hence we combine the two species under *Sida veronicaefolia* Lamk.

Stenosiphonium cordifolium (Vahl) Alston in Trimen, Handb. Fl. Ceylon (Suppl.) 6: 226, 1931; Bremekamp in Nederl. Akad. Wet. Verh. (Sect. II) 41(1): 153, 1944. *Ruellia cordifolia* Vahl, Symbl. 3: 84, 1794. *Stenosiphonium subsericeum* Nees in Wall. Pl. Asiat. Rar. 3: 84, 1832. *S. russellianum* Nees var. *subsericea* T. And. in Journ. Linn. Soc. London 9: 464, 1867; Gamble 717.

Streblus taxoides (Heyne ex Roth) Kurz. For. Fl. Burma 2: 465, 1877; Corner in Gardens Bulletin S. 19(2): 225, 1962. *Trophis taxoides* Heyne ex Roth, Nov. Pl. Sp. 368, 1821. *T. spinosa* Roxb. Fl. Ind. 3: 762, 1832. *Phyllochlamys spinosa* (Roxb.) Bur. in DC. Prodr. 17: 218, 1873; FBI 5: 488; Fischer in Gamble 946; Haines 820. *P. wallichii* King in Hook. f. Fl. Brit. Ind. 5: 489, 1888. *P. taxoides* (Heyne ex Roth) Koord. in Exkursionsfl. Java 2: 89, 1912.

Svensonia hyderabadensis (Walp.) Moldenke in Fedde, Repert. 41: 139, 1936 et in Known Geogr. Distrib. 128, 1949. *Bouchea hyderabadensis* Walp in Rep. 4: 12, 1842-47; FBI 4: 564; Gamble 762.

Synostemon bacciforme (Linn.) Webster in Taxon 9: 26, 1960. *Phyllanthus bacciformis* Linn. Syst. Nat. (ed. 13) 707, 1774. *Agyneia bacciformis* (Linn.) A. Juss. in Tent. Euphorb. 24, t. 6, 1824; FBI 5: 285; Gamble 899; Haines 123; Pax & Hoff. in Engl. & Prantl. Natürl. Pfam. (ed. 2) 19C: 71.

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